

WHAT IS CLAIMED IS:

- 1 1. An apparatus for controlling an animal, said apparatus comprising:
2 an animal collar assembly worn by an animal;
3 a detector for detecting a transmitted signal indicating said detector is
4 located within a first zone;
5 a correction signal generator coupled with said detector and configured
6 to apply a first sequence of correction signals transmitted to said animal for controlling said
7 animal;
8 wherein said correction signal generator is further configured to apply
9 a second sequence of correction signals transmitted to said animal for controlling said animal
10 and wherein said second sequence is different from said first sequence; and
11 wherein said correction signal generator is further configured to apply
12 said second sequence of correction signals if said animal does not leave said first zone in
13 response to said first sequence of correction signals after a period of time.
- 1 2. The apparatus as described in claim 1 and further comprising a random
2 time interval generator coupled with said correction signal generator and wherein said second
3 sequence of correction signals is applied in response to said random time interval generator.
- 1 3. The apparatus as described in claim 1 wherein said second sequence of
2 correction signals comprises a randomized sequence of signals.
- 1 4. The apparatus as described in claim 3 wherein said randomized
2 sequence of signals comprises random intervals between application of each successive
3 signal in said randomized sequence of signals.
- 1 5. The apparatus as described in claim 1 wherein said correction signal
2 generator is configured to transmit at least one sound in the audible range of said animal as
3 said first sequence of correction signals and as said second sequence of correction signals.

1 6. The apparatus as described in claim 1 wherein said correction signal
2 generator is configured to transmit an electrical stimulation to said animal in said first
3 sequence of correction signals and in said second sequence of correction signals.

1 7. The apparatus as described in claim 6 wherein prior to generation of
2 said second sequence of correction signals, said correction signal generator is configured to
3 generate successive sets of correction signals wherein each of said successive sets of
4 correction signals has a voltage magnitude greater than the immediately preceding set of
5 corrections signals.

1 8. The apparatus as described in claim 1 wherein each of said signals in
2 said first sequence of correction signals is separated by a separation interval and wherein said
3 separation interval decreases with each successive signal of said first sequence of correction
4 signals.

1 9. The apparatus as described in claim 1 wherein said detector is further
2 configured to determine a period of time in said first zone after detection of said transmitted
3 signal indicating said detector is located within said first zone.

1 10. The apparatus as described in claim 9 wherein said generator is
2 configured to apply said second sequence of correction signals if said time exceeds a
3 predetermined period of time.

1 11. The apparatus as described in claim 1 wherein said detector for
2 detecting said transmitted signal is configured to detect a strength of said transmitted signal
3 and wherein said strength of said transmitted signal is related to positioning within said first
4 zone.

1 12. The apparatus as described in claim 11 wherein said correction signal
2 generator utilizes said strength of said transmitted signal to determine the magnitude of the
3 initial correction signal applied.

1 13. A method of controlling an animal, said method comprising:
2 providing a collar receiver assembly to be worn by an animal;

3 detecting a transmitted signal with a detector indicating said detector is
4 located within a first zone;

5 applying a first sequence of correction signals for controlling said
6 animal;

7 determining whether said animal has not moved from said first zone
8 after said applying said first sequence of correction signals;

9 waiting a period of time after initiating application of said first
10 sequence of correction signals;

11 in response to said determining that said animal has not moved from
12 said first zone after said period of time, applying a second sequence of correction signals for
13 controlling said animal different from said first sequence of correction signals.

1 14. The method as described in claim 13 and further comprising a random
2 time interval generator for randomizing the time intervals between said correction signals in
3 said second sequence of correction signals.

1 15. The method as described in claim 13 wherein said applying said first
2 sequence of correction signals for controlling said animal and said applying said second
3 sequence of correction signals for correcting said animal comprises:

4 transmitting at least one sound in the audible range of said animal.

1 16. The method as described in claim 13 wherein said applying said first
2 sequence of correction signals for controlling said animal and said applying said second
3 sequence of correction signals for controlling said animal comprises transmitting an electrical
4 stimulation to said animal.

1 17. The method as described in claim 16 wherein prior to said applying
2 said second sequence of correction signals said method further comprises:
3 applying successive sets of correction signals wherein each of said successive
4 sets of correction signals has a voltage magnitude greater than the immediately preceding set
5 of correction signals.

1 18. The method as described in claim 13 and further comprising:

2 detecting a strength of said transmitted signal wherein said strength of
3 said transmitted signal is related to positioning within said first zone.

1 19. The method as described in claim 18 and further comprising:
2 utilizing said strength of said transmitted signal to determine the
3 magnitude of the initial correction signal applied to said animal.

1 20. The method as described in claim 13 and further comprising:
2 utilizing an animal collar coupled with said detector.

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